



1CH HD Video Digital Optical Converter, FC Connector, 20KM

K1405



FEATURES:

- Lossless non-compression real time transmission.
- 8 bit video signal sampling bandwidth.
- Automatically identify formats of input video : AHD/TVI/CVI/PAL/NTSC/SECAM
- Support 720P/25/30/50Hz, 960P/25/30Hz, 1080P/25/30Hz, 5MP/14Hz
- Through LED indicators to inform its functional mode
- Advanced lightning protection design ,support 5.7KV lightning protection
- Industrial wide range of operational temperature
- Stand-alone or Rack-mounted, simple installation.

SPECIFICATIONS:

Optical	
Wavelength	WDM:1310nm/1550nm
Output Power	-8~3dBm
Optic fiber	50/125u multimode, 62.5/125u multimode, 9/125u single mode
Rx sensitivity	-26dBm
Optical connector	FC
Distance	0~550M (MM) / 0~80KM (SM) (Default distance is 20Km)

Video	
Number of Channels	1



Input/output impedance	75 Ohm (unbalance)
Standard video input/output voltage	1.0Vp-p
Video Bandwidth	50MHz
Sampling Bandwidth	8bit
Sampling Frequency	108MHz
Signal to noise ratio	>67dB
Rise and Fall time	<0.8ns
Optical Signal Intrinsic Jitter	<0.2 UI
Differential Gain	< ±1.5%
Differential Phase	< ±1°
Connector	BNC
Supporting video pixel	1280(H)x720(V)@30Hz/1MPX 1280(H)x720(V)@50Hz/1MPX 1280(H)x960(V)@30Hz/1.3MPX 1920(H)x1080(V)@30Hz/2MPX 2560(H)x1920(V)@14Hz/5MPX

Data

Protocol	Default :RS485 (RS232/RS422 Optional)
RS485 channel	1
Connector	5pins Terminal Blocks
Data Rate	0-200Kbps
Directions	Default :Simplex from Rx to Tx (BIDI duplex optional)

Mechanical Structure & Environment

Power	DC5V 1A
Power Consumption	≤3W
Working Temperature	-15°C ~65°C
Storage Temperature	-40°C ~85°C
Relative Humidity	5%~95% (no condensation)
MTBF	≥ 100000Hours
Dimension	10.5cm*10.2cm*2.6cm